

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06275-0451US1	Application No. 10/528,270
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Brough et al.	
		Filing Date March 17, 2005	Group Art Unit 1624
(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
/SM/	AIIII	WO 2004/026880	04/01/2004	WIPO			
/SM/	AJJJJ	WO 2004/026835	01/04/2004	WIPO			
/SM/	AKKKK	WO 2005/033115	04/14/2005	WIPO			
/SM/	Allll	WO 2005/056563	06/23/2005	WIPO			
/SM/	AMMMM	WO 2005/082865	09/09/2005	WIPO			Abstract
/SM/	ANNNN	WO 2006/064228	06/22/2006	WIPO			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/SM/	AOOOO	Ahmed et al., "Novel synthesis of 1-aryl-9-alkyl-2,3,3a,4,9a-hexahydro-1H-pyrrolo[2,3-b]quinoxalines by lithium aluminum hydride reduction of N-phenyl-1-benzimidazolylsuccinimides", CAPLUS 79:92106 (1973) abstract
/SM/	APPPP	Baly et al., "Biological Assays for C-X-C Chemokines", <i>Methods in Enzymology</i> 287:69-88 (1997)
/SM/	AQQQQ	Baxter et al., "Hit-to-Lead Studies: The Discovery of Potent, Orally Bioavailable Thiazolopyrimidine CXCR2 Receptor Antagonists", <i>Bioorg. Med. Chem. Lett.</i> 16(4):90-963 (2006)
/SM/	ARRRR	Bodor et al., "Chemical Approaches to Drug Delivery", in: <i>Encyclopedia of Controlled Drug Delivery</i> (1999 ed.), pp. 285-298
/SM/	ASSSS	CAPLUS, Accession No. 2000:76301, Document No. 132:98128, "Antiinflammatory and analgesic capsules containing betamethasone, vitamin B6, dihydrochlorothiazide and triamterene".
/SM/	ATTTT	Chemcats, Accession No. 2001:1442861, "4, 7-Pteridinediamine, 9-phenyl-2-[(phenylmethyl)thio]-", CAS Registry 343347-55-7 (July 1, 2001)
/SM/	AUUUU	Chemical Abstracts, Volume 54, No. 10, May 1960, Abstract No. 9933f, C. Wayne Noell and Roland K. Robins, "Potential Purine Antagonists XVII. Synthesis of 2-methyl and 2-methylthio-6, 8-disubstituted purines", see formula III when R-SMe, R ₁ =C ₁ , R ₂ =OH
/SM/	AVVVV	Cohen et al., "Cytokine function: A study in biologic diversity", CAPLUS 125:31527 (1996) abstract
/SM/	AWWWWW	Cowley et al., "Preparation of 1-(3-phenyloxypropyl)piperidine derivatives as opioid receptor ligands", CAPLUS 138:39189 (2002) abstract
/SM/	AXXXX	Faubl, "Preparation of 5-Tetrazolyl Groups from Carboxylic Acids. A Sequence Amenable to Sensitive Substrates", <i>Tetrahedron Letters</i> 6:491-494 (1979)
/SM/	AYYYY	Finke et al., "Preparation of piperidinylmethylcyclopentanes as modulators of CCR-5 and/or CCR-3 chemokine receptors", CAPLUS 134:56576 (2000) CAS Listing, 77 answers abstract

Examiner Signature	/Susanna Moore/	Date Considered	11/06/2008
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/SM/	AZZZZ	Fukuda et al., "Preparation of benzotriazole derivatives as cardiovascular agents and antipsychotics", CAPLUS 123:340149 (1995)	abstract
/SM/	AAAAAA	Gavezzotti, "Are Crystal Structures Predictable?", <i>Acc. Chem. Res.</i> 27:309-314 (1994)	
/SM/	ABBBBB	Gewald et al., "New Synthesis of Substituted 4-Amino-quinazolines and Their Heteroanaloga", <i>J. prakt. Chem.</i> 338:206-213 (1996)	
/SM/	ACCCCC	Grant, "University of Minnesota-Twin Cities Campus College of Pharmacy, Annual Report", [online] 1999, [retrieve on 2/13/03]. Retrieved from the internet, http://www.msi.umn.edu/general/Reports/ar99/departments/pharmacy.html	
*	ADDDDD	Grohe et al., "Cycloacylation of Enamines, I - Synthesis of 2-Thiazolone Derivatives", <i>Liebigs Ann. Chem.</i> 1018-1024 (1973)	
/SM/	EEEEEB	Kiriasis et al., "Synthesis and Properties of New Pteridine Nucleosides", <i>Dev. Biochem.</i> 4:49-53 (1978)	
/SM/	AFFFFF	Lee et al., "Characterization of Two High Affinity Human Interleukin-8 Receptors", <i>J. Biol. Chem.</i> 267:16283-16287 (1992)	
/SM/	AGGGGG	McNaught et al., "IUPAC Compendium of Chemical Terminology, 2 nd Ed" (1997)	
/SM/	AHHHHH	Merritt et al., "Use of fluo-3 to measure cytosolic Ca ²⁺ in platelets and neutrophils: Loading cells with the dye, calibration of traces, measurements in the presence of plasma, and buffering of cytosolic Ca ²⁺ ", <i>Biochem. J.</i> 269:513-519 (1990)	
/SM/	AIIIII	Murdoch and Finn, "Chemokine receptors and their role in inflammation and infectious diseases", <i>Blood</i> 95:3032 (3043 (2000)	
/SM/	AJJJJJ	Nagahara et al., "Thiazolo[4,5-d]pyrimidine Nucleosides. The Synthesis of Certain 3-β-D-Ribofuranosylthiazolo[4,5-d]pyrimidines as Potential Immunotherapeutic Agents", <i>J. Med. Chem.</i> 33:407-415 (1990)	
*	AKKKKK	Ott et al., "4-amino-7, 8-dihydro-2-(methylmercapto)-8-B, -D-ribofuranosylpteridin-7-One. Modified Fusion Reaction with Trimethylsilylated Pteridine Derivatives", <i>Nucl. Acid. Chem.</i> 2:735-739 (1978)	
/SM/	ALLLLL	Ott et al., "Zur Synthese des 4-Amino-7-oxo-7, 8-dihydropteridin-N-8-B-D-ribofuranosids – ein strukturanaologes Nucleosid des Adenosins", <i>Chem. Ber.</i> 107:339-361 (1974)	
/SM/	AMMMMM	Pachter and Nemeth, "Pteridines. I. Synthesis of Some 6-Alkyl-7-aminopteridines from Nitrosopyrimidines", <i>J. Org. Chem.</i> 28:1187-1191 (1963)	
/SM/	ANNNNN	Patent Abstracts of Japan, abstract of JP-5-202047 A (Chugai Pharmaceut. Co. Ltd.) 10 August 1993	
/SM/	AOOOOO	Power et al., "Differential Histopathology and Chemokine Gene Expression in Lung Tissues following Respiratory Syncytial Virus (RSV) Challenge of Formalin-Inactivated RSV- or BBG2Na-Immunized Mice", <i>J. Virol.</i> 75:12421-12430 (2001)	
/SM/	APPPPP	Sato et al., "Psychotropic Agents. 3. 4-(4-Substituted piperidinyl)-1-(4-fluorophenyl)-1-butanones with Potent Neuroleptic Activity", <i>Journal of Medicinal Chemistry</i> 21(11):1116-1120 (1978)	
/SM/	AQQQQQ	Souillac et al., "Characterization of Delivery Systems, Differential Scanning Calorimetry", in: <i>Encyclopedia of Controlled Drug Delivery</i> (1999 ed.), pp. 212-227	
/SM/	ARRRRR	Spickett and Timmis, "The Synthesis of Compounds with Potential Anti-folic Acid Activity. Part I. 7-Amino- and 7-Hydroxy-pteridines", <i>J. Chem. Soc.</i> pp. 2887-2895 (1954)	

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/SM/	ASSSSS	Taylor et al., "Molecular Determinants for Recognition of RU 24969 Analogs at Central 5-Hydroxytryptamine Recognition Sites: Use of a Bilinear Function and Substituent Volumes to Describe Steric Fit," <i>Molecular Pharmacology</i> 32:42-53 (1988)
/SM/	ATTTTT	Teranishi et al., "Piperidine derivatives and pharmaceutical compositions containing them", CAPLUS 95:132947 (1981) abstract
/SM/	AUUUUU	Vandenberk et al., "1-(Benzazolylalkyl)piperidines and their salts with acids", CAPLUS 87:23274 (1977) abstract
/SM/	AVVVVV	Vartanyan et al., "Synthesis and biological activity of 1-substituted benzimidazole and benztriazole derivatives", CAPLUS 98:4503 (1983) abstract
/SM/	AWWWWW	Vippagunta et al., "Crystalline Solids", <i>Advanced Drug Delivery Reviews</i> 48:3-26 (2001)
/SM/	AXXXXX	Weinstock et al., "Pteridines. XII. Structure-Activity Relationships of Some Pteridine Diuretics", <i>J. Med. Chem.</i> 11(3):573-579 (1968)
/SM/	AYYYYY	West, "Solid State Chemistry and its applications", Wiley, New York, pages 358 & 365 (1988)
/SM/	AZZZZZ	Wu et al., "Synthesis of Furanonaphthoquinones with Hydroxyamino Side Chains", <i>J. Nat. Prod.</i> 62:963-968 (1999)

*Note: only structures were considered.

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